

METHOD AND APPARATUS FOR TRANSFORMING AND RENDERING GRAPHICAL CURVES

ABSTRACT OF THE DISCLOSURE

The present invention provides a method and apparatus for rendering images on a computer screen. Under the invention, a portion of a base image is described using a path. The path is then transformed using a non-affine transform to produce a transformed path. The transformed path is then rendered onto the computer screen. Another aspect of the present invention is a method and apparatus for rendering curves of any order and any dimension. In particular, the present invention provides a means for converting a function of any order and any dimension that describes one segment of a curve into a function that describes a different sized segment or an adjoining segment.

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